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Cybernetics														O1					843
BEMVENUTI, CARLOS														**			**	**	333
BENBOW, M. ERIC see									**	**	**	**	**	**		**	**	**	1449
									**	- TA7	· · ·	Man T			**	**	**	**	1447
BENEDICT, LAURYN,													neir 3	ongs					1160
in Response							**			**	**	**	**	**	**	**		**	1463
BENNETT, NIGEL C. se					**	**	**	**	**	**		**	**	**	**	**	**	**	1573
BERAN, MICHAEL J. se	-				**			**						**	**	**	**	**	231
BERGMAN, THORE J. :																		**	653
BERNING, ARIC W., R'																			
ZACHARY L	. HESS	S, JON	NATHA	NN	I. PR	UITT	, Sex	ual Ca	annib	palisn	n is A	ssocia	ated v	vith l	Fema	le			
Behavioural																			715
better option hypothe										**	**						**		251
BHATTACHARYA, MO							**		**				**	**					137
BILDE, TRINE see MAR							**		**										907
bioacoustics	-																		, 1401
biological market							**		**		**	**	**	**	**	**			1419
biomusicology							**		**	**		**	**	**	**	**	**	**	309
DIDITUSICOTORY	**	**	**	**	**	**		**	**			**	**	**		**	**	**	309

biparental incu	bation		**											**	**		**	**		835
bird		**																1	103,	1307
bird colony					0.0					**	**	**			0.0		0.0		00	175
birdsong		**		**				**	**						**	309	e1(4	4), e1	0(4),	1463
birdsong evolut	tion	**	**	**	**		**													111
birth weight													**			0.0	0.0			305
	* **																		1039,	1381
Bison bison biso															**					1039
BIZE, PIERRE se	e FABRI	CE LA	LUBI	N																539
																	••			953
black-capped cl																				965
BLAUL, BIRGIT																	0.0	0.0		703
	ome of											-								1557
blue monkey			-														0.0	0.0	0.0	
		**										**			**		**		**	531
blue-footed boo			**											**			**	**	**	413
blue tit																			**	279
												**				*.*	**		**	29
body colour		**	**	**	**	**	**		**	**		**	**		**	**	**	**	**	167
body condition																	**		.889	, 925
body size		**	**	**	**	**	**	**	**	**	**	**				**	**	**	983,	1557
BOECKLE, MAI	RKUS, G	EORC	SINE S	SZIPL,	, THO	DMA:	SBU	GNY	AR, W	Vho V	Vants	Food	d? Inc	divid	ual					
Char	acteristi	cs in l	Raven	Yells		**	**	**		**	**	**								1123
boldness .			**	**		**		**		**						159,	471.	603	889,	1131
BOLTON, JESSI	CA see S	SOPHI	A CA	LLAN	DER		**													619
Bombus impatie																			**	919
BONADONNA,	FRANC	ESCO	ANA	SAN	7-AC	iui.	AR K	in Re	cogn	ition	and	Inbre	edin	o Ave	idan	ce in			**	
Wild	Birds: t	he Fir	st Evic	lence	for	ndiv	idual	Kin-	relati	ed O	dour	Recor	mitic	0	/Iddii					509
BONAL, RAÚL												neco;	,			**	**		**	1435
BONDURIANSI																			4 =	
bottleness dela	NI, KUS	SELL S	ee EL	CAINC	JK DA	1111	**	**	**	**	**	**	**	**	**		**	**		1331
bottlenose dolp																		**		1347
bottom-up app	roacn		**	**	**	**	**	**	**	**	**	**	**	**	**				**	13
BOULAY, RAPH	IAEL see	CAM	ILLE I	RUEL		**	**	**	**	**	**	**	**	**	**	**	**	**	**	853
bourgeois .		**	**	**	**	**	**	**	**	**	**	**	**	**		**	**	**	**	1253
BOWMAN, REI	ED see A	NGEL	A TRI	NGA	LI	**	**	**	**	**	**				**	**	**	**	**	1517
Bradley-Terry					0.0	0.0	0.0	0.0	0.0	**	**	**	0.0		**			0.0	4.0	1523
BRAUN, ANNA	, THOM	IAS BU	JGNY	AR, S	ocial	Bon	ds an	d Rai	nk Ac	cquis	ition	in Ra	ven l	Nonb	reede	er Ag	grega	ation	S	1507
breeding densi	ty	**	**	**	**	**	**		**					**						515
breeding disper	rsal	**			**	**				**						**	**			805
breeding succes																				675
BRENNAN, PAT	TRICIA I	L.R., N	lixed	Pater	nity	Desp	ite H	igh N	Aale l	Paren	tal C	are ir	Gre	at Tir	amo	us ar	nd O	ther		
Palae	ognath	es .				k		-0							******	CIO CII		LIZEZ		693
BREPSON, LOÏ	CMAT	HIELL	TROL	ANO	WSKI	VAN	JNV	OITI	IRON	TH	IEDDA	LEN	GAG	INIE (Chea	ting (for S	 	**	023
	rent Dis																			1253
BROCKMANN,	H IAN	E coo l	DANIII	CI A	CACC	ONI	113110	allitt:	0.0		• •	**	0.0	0.0		0.0	9.0	0.0	**	
broiler chicken																			**	975
BROKORDT, K	ATLIEDI	NTA XA	711 1 1 4	ME	DÍAG	TEC A	NT DIA	TIL I	HOD	ENTT	e rect		20 14	II N TIZI	ED I	T	. 1 . 111		0.0	219
DROKOKDI, K	Conotio	Corne	lation	MVI FA	Cooper	, JEA	IN PA	ULL	HOR	ENT	CII	JEKIC	ON	INKI	LER, I	Herit	abiiii	ty		470
and	Genetic	Corre	latior	is of i		e Bei	navio	ours 11	n Juv	enile	Scall	op A	rgope	cten p	urpur	atus		**	**	479
BROMMER, J.E					0.0	* *	0.0	0.0	0.0	0.0	**	0.0		0.0	**		* *	**	**	279
brood discrimi			**			**	**	**	**	**	**	**	**	**	**	* *	**	**	**	445
brood parasitis		**	**	**	**	K.W.	**	4.4	**	**	**	**	**	**	6.4	**	**	**		3, 421
brood/litter siz								**	**	**			**	**	**	**	**	**	**	67
brood size dete								**		**						**	**	**		427
brood value		**	**		**	**	**				**	**		**						261
BROSNAN, S.F.	see N.J.	RAIH	ANI	**	**		**					**				**		**	**	665
BROWN, JANII								**											**	1469
BRUMM, HEN	RIK see	SUE A	NNE 2	ZOLL	INGI	ER												**		e1(4)
BRUMM, JACO																				1565
BSHARY, R. see								**	**	••							0.0		**	665
BUCHANAN-S											**	0.0	0.0	**	0.0	0.0		**	••	459
BUGNYAR, TH)IN/A			0.0	0.0	0.0	**	**	0.0	0.0		0.0	**	
BUGNYAR, TH									**	**	0.0	0.0			**	**	**	**	**	1507
BUGNIAK, IH	OMAS S	ee MA	INKU:	DUE	CKL	E .	**	**	**	**	**	**	**	**	**	**	**	**	**	1123

bumblebee	**																		919
buoyancy control	**	**							0.0	00									349
BURTON-CHELLEW,	MAXW	ELL !	N., ST	'UAR'	A. V	VEST	, Psei	udoce	ompe	etitio	n Am	ong (Group	os In	crease	s Hu	man		
Cooperatio	n in a I	Public	-good	ds Gai	ne	0.5			**		**							4.0	947
BUSTON, P.M. see M.	Y.L. WC	ONG		**	**								**						897
Busycon carica																			1323
by-product account .	••		**						**	**	**				**		е	1(5)	e5(5)
BYRNE, MICHAEL E.,																			
Habitat in l																**		0.0	593
BYRNE, RICHARD W.																	0.0	0.0	405
BYRNE, RICHARD W.																**	**	**	e1(3)
cache protection																**	**	**	1191
cacophonous aggrega	tion	THE	 D	TI I	**	**		0.0	0.0		0.0	0.0					0.0	0.0	1103
CADE, WILLIAM H. s																	• •	**	843 279
cage CAHENZLI, FABIAN,																	**	••	219
Behaviour	in Adul	t Rut	torflia	DI, I	1050	lanı	Dete	iice i	11 (116	Laiv	val Sta	age A	Hects	reed	anng				995
CAIN, RUSSELL see M													**			**	**	**	219
California mouse																	**	**	1141
call convergence																		**	761
call timing																			563
CALLANDER, SOPHI																		0.0	000
Farewell to																	**		619
Callicebus				-				-											405
CALMETTES, B. see S.																		**	1491
Calonectris																**		**	239
CAMERON, ELISSA Z																			1573
CANDOLIN, ULRIKA	see BO	B B.N	4. W(ONG	**	0.0	••	4.0	**					0.0	**	• •			1541
CANTOR, MAURÍCIO														S,					
FÁBIO GO																			
PAULO CÉ																			
Dynamics:																0.0	0.0	0.0	641
canyon wren	**	**	**	**	**	**	**	**	**	**	**	**	**		**	**	**	**	1463
CARDOSO, GONÇAI																			40/11
a Reply to	Zolling	er et	al					 TA D						**	. 1	**	• •	••	e10(4)
CARDOSO, GONÇAI																			111
Flawed Tax																**	0.0	0.0	111
Carduelis																**	**		111 1475
carnivore																			1483
Carpodacus mexicanu CARRANZA, JUAN, V															**	**	**	0.0	1403
Expenditu																			67
carrier frequency .																**	• •		137
CARROLL, ELIZABET																**			983
CARTER, ALECIA J. S																			1295
CARTER, ALECIA J.,	HARRY	H. N	1ARSI	HALL	ROE	BERT	HEIN	NSOH	N. G	UYC	OWI	ISHA	W. H	low 1	Not to	Mea	sure		
Boldness: 1	Novel (Objec	t and	Antig	reda	tor R	espo	nses	Are N	lot th	ne San	ne in	Wild	Bab	oons				603
CARTER, ALECIA, Al							T												
	NNE G	OLDI	ZEN,	ROBE	RTF	IEIN!	SOH	V. Per	sona	lity a	nd Pl	astici	ty: To	empo	oral				
DCHUVIOUI	NNE G	OLDI	ZEN,	ROBE					sona	lity a			ty: To		oral 			0.0	471
	NNE Go al Reac	OLDI tion l	ZEN, Norm	ROBE s in a	Liza	rd, th	ne Na	mibia	sona an Ro	lity a ock A	gama						 LER,		471
CÄSAR, CRISTIANE, Evidence f	NNE Go al Reac RICHA	OLDI tion ! .RD V	ZEN, Norm V. BYI	ROBE s in a RNE, V	Liza: WILL	rd, th	ne Na HOP	mibia PITT,	sona an Ro ROE	lity a ock A BERT	gama J. YO	 UNG					LER,	**	471
CÄSAR, CRISTIANE, Evidence f	NNE Go al Reac RICHA	OLDI tion I RD V antic	ZEN, Norm V. BYI Com	ROBE s in a RNE, ' muni	Liza: WILL catio	rd, th JAM on in	ne Na HOP	mibia PITT,	sona an Ro ROE	lity a ock A BERT	gama J. YO	 UNG	 , KLA	 US Z					405
CÄSAR, CRISTIANE, Evidence f	NNE Go al Reac RICHA or Sem	OLDI tion ! RD V antic	ZEN, Norm V. BYI Com	ROBE s in a RNE, ' muni	Liza WILL catio	rd, th JAM on in	ne Na HOP Titi M	mibia PITT,	sona an Ro ROE	lity a ock A BERT	gama J. YO	 UNG	 , KLA 	US Z				**	405 167 1463
CÄSAR, CRISTIANE, Evidence f caterpillar	NNE GO al Reac RICHA or Sem	OLDI tion I RD V antic 	ZEN, Norm V. BYI Com 	ROBE s in a RNE, V muni	Lizar WILL catio	rd, th JAM on in 	ne Na HOP Titi M	mibia PITT,	sona an Ro ROE	lity a ock A BERT	gama J. YO	 UNG 	 , KLA 	US Z	UBEF			**	405 167
CÄSAR, CRISTIANE, Evidence f caterpillar Catherpes mexicanus CAWS, CLARE see Ni central-place forager	NNE GO al Reac RICHA or Sem	OLDI tion I RD V antic F. KO	ZEN, Norm V. BYI Com 	ROBE s in a RNE, V muni 	Lizar WILL catio	rd, th IAM on in 	HOP Titi M	mibia PITT, Monk	ROE ROE ROE	lity a ock A BERT larm 	gama J. YO Calls 	ung 	 , KLA 	 	UBEF				405 167 1463 1419 675
CÄSAR, CRISTIANE, Evidence f caterpillar Catherpes mexicanus CAWS, CLARE see Ni central-place forager Cercopithecus mitis	NNE GO al Reac RICHA or Sem	OLDI tion I RD V antic F. KO	ZEN, Norm V. BYI Com YAM.	ROBE s in a RNE, I muni A	Lizar WILL catio	rd, th IAM on in 	ne Na HOP Titi M 	mibia PITT, Monk	sona an Ro ROE ey Al	lity a ock A BERT larm 	gama J. YO Calls 	UNG	 , KLA 	US Z	UBEF	 			405 167 1463 1419 675 531
CÄSAR, CRISTIANE, Evidence f caterpillar Catherpes mexicanus CAWS, CLARE see Ni central-place forager Cercopithecus mitis Cercotrichas galactote	NNE GO al Reac RICHA or Sem	OLDI tion ! .RD V antic F. KO	ZEN, Norm V. BYI Com OYAM.	ROBE s in a RNE, V muni	Lizar WILL catio	rd, th JAM on in 	HOP Titi M	mibia PPITT, Monk	rsona an Ro ROE eey Al	lity a ock A BERT larm	gama J. YO Calls 	 UNG 	 , KLA	US Z	CUBEF	 RBÜH 			405 167 1463 1419 675 531 421
CÄSAR, CRISTIANE, Evidence f caterpillar Catherpes mexicanus CAWS, CLARE see Ni central-place forager Cercopithecus mitis Cercotrichas galactote CERDÁ, XIM see CA	NNE GO al Reac RICHA or Sem ICOLA S MILLE	OLDI tion ! RD V antic F. KO 	ZEN, Norm V. BYI Com YAM.	ROBE s in a RNE, I muni 	Lizar WILL catio	rd, th JAM on in 	HOP Titi M	mibia PPITT, Monk	rsona an Ro ROE eey Al	lity a ock A BERT larm	gama J. YO Calls 	UNG	 , KLA 	US Z	CUBER	 RBÜH 			405 167 1463 1419 675 531 421 853
CÄSAR, CRISTIANE, Evidence f caterpillar Catherpes mexicanus CAWS, CLARE see Ni central-place forager Cercopithecus mitis Cercotrichas galactote CERDÁ, XIM see CAI chacma baboon	NNE GO al Reac RICHA or Sem ICOLA MILLE	OLDI tion I RD V antic F. KO RUEL	ZEN, Norm V. BYI Com OYAM.	ROBE s in a RNE, I muni	Lizar WILL catio	rd, the	ne Na HOF Titi M	mibia PPITT, Monk	rsona an Ro ROE eey Al	lity a ock A BERT larm	gama J. YO Calls 	 UNG 	 , KLA 		CUBER	 RBÜH 			405 167 1463 1419 675 531 421 853 603
CÄSAR, CRISTIANE, Evidence f caterpillar Catherpes mexicanus CAWS, CLARE see Ni central-place forager Cercopithecus mitis Cercotrichas galactote CERDÁ, XIM see CA	NNE GO al Reac RICHA or Sem ICOLA S MILLE	OLDI tion I RD V antic F. KO RUEL	ZEN, Norm V. BYI Com OYAM.	ROBE s in a RNE, V muni	Lizar WILL catio	rd, the	ne Na HOP Titi N	mibia PITT, Monk	sona an Ro ROE ey Al	lity a bock A BERT larm	gama J. YO Calls 	 UNG 	 , KLA	US Z	CUBER	 			405 167 1463 1419 675 531 421 853

CHAMBERLAIN, M CHAMERON, STÉPI CHAPMAN, JOANN	HANE see	OLIV	/IER I	DELA	TTRE				4.0	**					**		**	593 445 1363
CHARLTON, BENJA	MIN D.,	WILL	IAM.	A.H.	ELLIS,	JACO	QUIE	BRUM	M, K	AREN	NILSS	ON,	W. TI	ECU	MSEF	I FITC	H,	
Female K									Indi	cate L	arger N	Males			0.0	**	0.0	1565
cheetah																0.0	0.0	701
chemical communi										0.0						0.0		, 509
chemical ecology	** **	**	**	**	** *						**						.45,	1483
CHENEY, DOROTH																		
in Wild F	emale Ba	boon	S.									• •					**	21
CHERVET, NOÉMIE	see THO	MAS	RIEBI	LI							**	**	* *		**	4.0		925
chestnut-crowned b	oabbler	**		0.0								**	0.0			4.0		823
																	4.9	121
CHILD, MATTHEW																		
Foraging																		1013
CHILVERS, B. LOUI	SE see IN	AC	ANSM	IANN	I	1 1 to 1 1 to	061 11	i ciic .	OIR	tunta	Diong			**	••	**		575
chimpanzee																459, 1		
																	,	
Choloepus hoffmann													0.0		4.9		**	555
Chortoicetes terminif	era				** *				0.0	• • •	0.0	0.0	**				**	771
CHRISTE, PHILIPPE																	4.0	539
chronobiology.		**	**		** *						0.9	4.0				**	* 0	333
CIANI, FRANCESCA	A, STEFA!	NIA D	ALL'	OLIO	, ROSC	COES	STAN	YON,	ELIS	ABET	TA PAL	AGI,	Soci	al To	leran			
and Adul	t Play in	Maca	que S	ocieti	ies: a C	Comp	pariso	n wit	h Dif	feren	Huma	an Cu	alture	es .	**	**		1313
cichlid																45	1,659	, 925
cichlid fish																		753
CLARK, COURTNE																	**	813
CLARK, RULON W.	SEAN T	ANGO	CON	(ATT	HEW A	BA	RROL	IR Fi	eld V	ideo l	Recordi	ings	Reve	al Fac	ctors			010
Influenci																		183
claw regeneration															0.0	**	4.0	619
CLAYTON, NICOLA	D	ACILA	EI C	CILA	347						0.0		40				**	
															**	0.0	4.0	1191
cleaner fish											++				**		**	665
climate											**	0.0	0.0		**	**	4.0	121
climate change	0.0	0.0	4.0	0.0	8.0						0.0	0.0		0.0	0.0			723
co-feeding													9.4					1547
Coenonympha pamp	hilus		0.0								0.0	••						995
coevolution		• •	0.0	0.0										0.0			3	3, 445
cognition		**										• •					953.	
COLE, NINA see AN																		937
collective behaviou																		1579
collective decision																		1371
																		853
coloration													0.0		0.0	0.0		
													0.0	0.0	0.0	0.0	1.50	1307
colour polymorphi													* *	0.0		• •	,	1261
Columba livia													• •	0.0	0.0		4.0	377
combat	** **	**	**	4.4	0.0		0.0		0 0	0 00	0.0		0.0	0.0	0.0		0.0	1331
COMBE, MAUD see			UGE	NOT	**		• •				**		0.0	0.0	**	**		391
common yellowthi	roat		0.0									0.0	0.0	0.0		**		813
communal roost		0.0			00		0.0				**							1183
communication	**											53,	77, 4	159,	795,	1085,	1283,	1589
comparative cognit	tion											0.0					**	13
comparative psych			0.0	0.0													**	1085
compass course																	**	623
compensation .		0.0	**										* *		0.0			785
*		0.0	0.0	0.0							• •	0.0				222	960	
*		0.0	0.0									* *		0.0	0.0		, 869,	
complementary die		0.0	0.0		90		9.0		0 0	9.0			0.0	0.0		0.0	0.0	1393
concept formation	** **	**	0.0	0.0	00	0.0	0.0				**	• •	0.0	0.0	**	0.0		953
condition		**	0.0	0.0	0.0		0.0			0 01	**					0.0	.85,	1533
condition-depende	ent signal	lling	0.0		**	0.0	0.0				0.0				**	0.0	0.0	85
conflict	** **	**		• •								0.0	0.0			0.0	0.0	499
conflict manageme																		
consolation	ent		**		• •	• •	• •			0 00					0.0	0.0	0.0	583 583

conspecific att	ractio	on																			1183
contact derma	titis											**	**		**	**	**			4.6	219
contest .	**	**	**	**					**		**					**	**				1095
contest theory				**		**											**				295
contextual con	mprel	nensi	on		**		**				**		**						**		459
cooperation	**	**	**		**		**													665,	
cooperative br	eedir	ıg	**	**											**				.499	9, 659	, 707
coping style	**			**			**													603,	1071
copulation	**	**	**	**	**	**	**	**		**	**	**		**				**			523
coral reef fish	**								**	**	**	**	**	**		**		**			45
coral size .			4.0					0.0	**	**				**						**	897
CORDS, MARI	INA s	ee KA	ITLY	NM	. GAY	NOR			0.0	0.0	0.0							0.0			531
CORLATTI, LU	JCA.	STÉP	HAN	IE B	ÉTHA	Z. AC	CHAZ	VON	N HA	RDEN	BER	G. BR	UNO	BAS	SANC). RU	PERT	PAI	LME.		
SAN	DRO	LOV	ARI.	Hori	mone	s. Par	asite	sand	Male	e Mat	ing T	actic	s in A	lpine	Cha	moi	s:				
					nisms																1061
corticosterone																					. 889
		**	**																		1191
Corvus corax		**																**			1507
cost of reprod			**											**				**	**	1123,	427
COSTA-SCHM						Dor			Into		D							0.0	0.0	0.0	74/
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group living group size GROVENBURG, TI Predator growth Gryllus integer Gryllus lineaticeps GUEVARA-FIORE, Experier Guiana dolphin GUIBÉ, MATHIEU Visual GUIMARÃES, PAU GULLETT, PHILIPI guppy GYURIS, ENIKŐ, Con in Firebuhabitat habitat-mediated y habitat selection habitat use HAFF, TONYA M., Heteros	P., Eal P., P. Ance: Ir NICCE PAR. S. DRSOI Was P. P. Market P.			L. M. Mitte-ta Experiments SVEN Betw ZOL'			, ROI Fawi 	mtly / mtly / mtly / A. EN nviror DÉ, L'I lly Ha FOR		LAVER S Sexual S Sexual C S	al Behas Mod Sexual CKEL, efish,	aviour lerator Experior Sepia Contog	in M of Ea		Supplified ale G	ees Guppi	es		1295 897 59 925 925 1023 641 213 641 823 1023 701 251 1371 593
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					**	**	**	**	**	**	**	**	**	**	**	761
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incubation duration			• •		**		0.0	0.0	0.0	0.0	**	* *	0.4	0.6	4.0.	0.0	0.0	0.0	889
index signal			**	**	**	**	**	**		**	**	**		**	**	**	**	**	269
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				**		**	**	**	**	**	**	**	**	**	**	**			, 1123
individual variation		**	0.0	0.0	0.0	0.0	0.0	0.0	**		0.0	. 0		0.0	0.0	0.0			1283
inequity		0.0	0.0	0.0		0.0	0.0			0.0	0.0				0.0	0.0		0.0	1085
inequity aversion		0.0	0.0	0.0			0.0		0.0	0.0	0.0				0.0			0.0	665
information	0.0		0.0	0.0		0.0	0.0											0.0	1371
information coding.				0.0	0.0		**	**									**		9, 413
inherent disadvantage																0.0			
	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0		1253
in-hive experience	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	77
initiation attempt	0.0	0.0	0.0	* *			0.0	0.0	0.0	4.0	**	0.0	0.0	0.0		0.0			205
innovation rate					0.0		0.0	0.0			0.0	0.0		0.0	**	0.0	0.0		1347
insect navigation						0.0	0.0	0.0	• •		0.0	0.0	**				**	0.0	13
insemination	0.0	0.0	0.0													**			523
intentionality																			459
				0.0	0.0				0 0	0.0	0.0	• •		0.0	0.0		0.0	0.0	
				* *		0.0	0.0	0.0	a 0	0.0	0.0		0.0	0.0	w.0		* *	0.0	391
interchange		0.0	0.0		• •	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0		0.0	0.0	1419
intergroup competition	1	**	0.0				0.0	0.0	0.0		4.0	• •	0.0	0.0	0.0		0.0		399
intersignal interaction	hypot	hesis	• •				0.0	0.0			**					0.0	0.0		1411
interspecific information	on exc	hange	e	0.0			0.0						4.0		**		**		919
interspecific interaction						0.0					**			••	••				1013
interspecific sexual sele																• •	**		
					0.0	0.0	0.0	0.0	0.0	0.0	**	• •	**	0.0	0.0			0.0	1201
intracrown heterogene				0.0	0.0	0.0	0.0			0.0	0.0	0.0	• •	0.0	0.0	0.0			1393
intrasexual interaction	**	0.0	0.0	0.0	0.0	0.0	0.0			0.0			0.0	0.0	0.0		0.0	**	1483
intrasexual selection	0.0		4.9	0.0	0.0	0.0	0.0			0.0			0.0	0.0	0.0			.21	, 1283
investment								0.0					0.0		• •		0.0		523
irrational									••										947
Ischnura senegalensis												0.0				* *	**	**	
		**								0.0	0.0	0.0	0.0	**	0.0	0.0	0.0	* *	685
island			0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0			0.0	9.0	**	4.0	225
isotocin	**			**	0.0	0.0	0.0	0.0	0.0	0.0		0.0		0.0	**	0.9	0.0		753
JAATINEN, KIM see MA	RTIN	W. SE	ELTM	ANN					0.0	0.0				0.0			**		889
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IADOCHVILL DELLA T	ODLIZ	I PIE	TOX:	CNT N	One		IALCAR	10 11	ATTE	ATENOR	rp.ö.		00	Latin		**	0.0	0.0	225
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Lemur catta	I	OïC P	DEDC	337				00		**		**	0.0	• •			4.0	40	1547
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long-tailed manakin		0.0	0.0	0.0					0.0	0.0		0.0	0.0	0.0		0.0	**	0.0	
LONGNECKER, MIC					O.							**			**	**	0.0	0.0	563
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LOW DE VRIES, J. se					• •		0.0	0.0	••	**	0.0	0.0	0.0		0.0				1573
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LUCAS, JEFFREY R. 5								**	0.0	0.0	0.0	**	**	4.0	• •	**		**	1283
Lucilia sericata		**		**		0.0	0.0	0.0	0.0		0.0	**	0.0	0.0		**	0.0		1449
LUDWIG, KARIN see							0.0	0.0	0.0	0.0		0.0				**			225
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LUSCHI, P. see S. GA						0.0	0.0	**	**			0.0		0.0		0.0		4.0	1491
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MACHIAS, A. see K.							0.0	**	• •	**	0.0	0.0	0.0	0.0	0.0	**	0.0	**	1201
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							0.0		**	**		**		0.0		0.0	0.0	0.0	1483
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SCHAUSBERGER, PETER see ANDREAS WALZER	ividual ocarbon se to Enund the sof Ge Crab	Signaturn Pattern Nironne World Oophysic	rybee F	orage	1411 rs 305 835 1341 85 369 623 333 365 197 1159 1159 611 523
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selfish .			**		**	**		**	**	**	**	**				**	**	**	**	**	1229
selfish herd	0.0		0.0	0.0	0.0	00	0.0	0.0			**	0.0		0.0	4.0						653
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Setophaga pet		**	**	**	**	* *		0.0		0.0	**			0.0	0.0	• •		0.0			1213
SEVERINGH.	,	UCIA	\ LIU	see !	MEI-I	ING	BAI				**		0.0				0.0	0.0		4.0	251
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SHAW, RACI Ca shearwater	HAEL Coching	and	COL Pilfer	AS.	CLAY Tactio	TON es in	I, Eur Respo	asian onse	Jays to So	, Gari cial C	conte	glana xt	darius 	, Fle	xibly S	**	**				1191
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SHAW, RACK Ca shearwater SHELDON, E SHELDON, E SHERRATT, T	HAEL Caching BEN C. BEN C. FHOM	see I see N	Pilfer DAMI MART . see	A S. ring T IEN F TA SZ THO	CLAY Faction R. FAI CULKI MAS	TON es in RINE IN JOH	Respo	asian onse	Jays to So	, Gard	conte	gland xt 	larius 	Flex	xibly S						1191 239 1271 1363 167
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SHAW, RACH Ca shearwater SHELDON, I SHELDON, I SHERRATT, T SHERWIN, V SHEV, AARO	HAEL Caching BEN C. BEN C. FHOM VILLIA N, FUS	see I see MAS N. M. B. SHIN onte	DAMI MART see A G HS	A S. ring T IEN FA SZTHO ANNA SIEH, o (M	CLAY Faction R. FAR CULKI MAS A M. BRIA	TON cs in RINE IN JOH KOP ANNI	N, Eur Respo N HC PS . E BEIS Visua	asian onse SSSIE SNER lize a	Jays to So , BRE	, Gardial C	Conte	gland xt COW	darius YAN, U	Using	xibly S	 					1191 239 1271 1363 167 1347
SHAW, RACH Ca shearwater SHELDON, I SHELDON, I SHERRATT, 7 SHERWIN, V SHEV, AARO Ch Br	HAEL Coching BEN C. BEN C. FHOM VILLIA N, FUS hain M adley-	see I see N AS N M B. SHIN onte	DAMI MART . see A G HS Carl	A S. ring The SZ THO ANN SIEH, o (M ss of)	CLAY Taction R. FAI CULKI MAS A M. BRIA CMC	RINE IN JOH KOP ANNI C) to 'els	N, Eur Respo N HC PS . E BEIS Visua	onse i	Jays to So , BRE	, Gardial C	Conte	gland xt COW nearit	VAN, U	Using	xibly S	 ov of th	 				1191 239 1271 1363 167 1347
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SHAW, RACK Ca shearwater SHELDON, E SHERATT, T SHERWIN, V SHEV, AARO CK Br shoaling shorebird shrew sibling comp	HAEL Coching BEN C. BEN C. FHOM VILLIA N, FUS nain M adley	see I see MAS N M B. SHIN onte	DAMI MART . see A G HS Carl Clas	A S. ring IEN F TA SZ THO ANN SIEH, o (M ss of)	CLAY Faction R. FAH CULKI MAS A M. BRIA CMC Mode	RINE IN JOHN KOP ANNIE	N HC PS E BEIS Visua	onse i	Jays to So , BRE and T	, Gardial C	MCC ne Lin	glana xt COW nearit	Idarius	Using	xibly S		e				1191 239 1271 1363 167 1347 1523 485 1371 29 1229
SHAW, RACK Cashearwater SHELDON, F SHELDON, F SHERRATT, T SHERWIN, V SHEV, AARO CC Br shoaling shorebird shrew sibling comp	HAEL Coching BEN C. BEN C. FHOM VILLIA N, FUS nain M adley	see I see MAS N M B. SHIN onte	DAMI MART . see A G HS Carl Clas	A S. ring IEN F TA SZ THO ANN SIEH, o (M ss of)	CLAY Faction R. FAH CULKI MAS A M. BRIA CMC Mode	RINE IN JOHN KOP ANNIE	N HC PS E BEIS Visua	onse i	Jays to So , BRE and T	, Gardial C	MCC ne Lin	glana xt COW nearit	Idarius	Using sump	xibly S		e				1191 239 1271 1363 167 1347 1523 485 1371 29 1229 29
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SHAW, RACK Ca shearwater SHELDON, I SHELDON, I SHERRATT, T SHERWIN, V SHEV, AARO Ch Br shoaling shorebird shrew sibling comp SIEMERS, BJ signal signal costs	HAEL Coching BEN C. BEN C. FHOM VILLIA N, FUS nain M adley— Detition ÖRN M	see I see MAS N M B. SHIN onte	DAMI MART . see A G HS Carl Clas	A S. ring IEN F TA SZ THO ANN SIEH, o (M ss of)	CLAY Faction R. FAH CULKI MAS A M. BRIA CMC Mode	RINE IN JOHN KOP ANNIE	N HC PS E BEIS Visua	onse i	Jays to So , BRE and T	, Gardial C	MCOne Lin	gland ext 	Idarius	Using sump	xibly S		e		••		1191 239 1271 1363 167 1347 1523 485 1371 29 1229 29
SHAW, RACK Ca shearwater SHELDON, I SHELDON, I SHERRATT, T SHERWIN, V SHEV, AARO Ch Br shoaling shorebird shrew sibling comp SIEMERS, BJ signal	HAEL Coching BEN C. BEN C. FHOM VILLIA N, FUS nain M adley— Detition ÖRN M	see E see M AS N M B. SHIN onte	DAMI MART . see A G HS Carl Clas	A S. ring IEN F TA SZ THO ANN SIEH, o (M ss of)	CLAY Faction R. FAH CULKI MAS A M. BRIA CMC Mode	RINE IN JOHN KOP to	N HC PS E BEIS Visua	asianonse (Jays to So , BRE and T	, Garri	MCOne Lin	gland	Marius	Using sump	xibly S	occupation of the contract of	e		••	 	1191 239 1271 1363 167 1347 1523 485 1371 29 1229 29 1541
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SHAW, RACK Ca shearwater SHELDON, I SHELDON, I SHERRATT, T SHERWIN, V SHEV, AARO Ch Br shoaling . shorebird . shrew . sibling comp SIEMERS, BJ signal costs signal design signal design signal design signal detect signal evolu signal functi signal reliab signal timin	HAEL Coching BEN C. BEN C. FHOM VILLIA N, FUS nain M adley— coetition on tion tion tion ility g	see E see MAS N M B. SHIN Onte Terry	CCOL Pilfer 	A S. ring IEN F TA SZ THO ANN SIEH, o (M ss of)	CLAY Faction R. FAH CULKI MAS A M. BRIA CMC Mode	RINE IN JOHN KOP to	N HC PS E BEIS Visua	asianonse i	Jays to So , BRE mnd T	, Gara	mulus conte	glance	Marius	Using	g Marl	cov of th	e e				1191 239 1271 1363 167 1347 1523 485 1371 29 1541 295 881 39 881 295 965 563
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SHAW, RACK Ca shearwater SHELDON, I SHELDON, I SHERRATT, T SHERWIN, V SHEV, AARO Ch Br shoaling . shorebird . shrew . sibling comp SIEMERS, BJ signal costs signal design signal detect signal evolu signal functi signal reliab signal timin signal-to-no signalling .	HAEL Coching BEN C. BEN C. FHOM VILLIA N, FUS hain M adley— coetition ORN M ition tion tion ility g is erati	see E see M	COLL Pilfer DAMI MART see ' See ' SOP	A S. ring IEN F TA SZ THO ANN SIEH, o (M ss of)	CLAY Faction R. FAH CULKI MAS A M. BRIA CMC Mode	TON SS IN SS	NHCPS.	asianonse i	Jays to So , BRE mnd T	, Gara	mulus conte	glance	Marius	Using	g Marl	cov of th	e e			835,	1191 239 1271 1363 167 1347 1523 485 1371 29 1541 295 881 39 881 295 965 563 e1(4) 159
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SHAW, RACK Ca shearwater SHELDON, I SHELDON, I SHERRATT, T SHERWIN, V SHEV, AARO Ch Br shoaling . shorebird . shrew . sibling comp SIEMERS, BJ signal costs signal design signal detect signal evolu signal functi signal reliab signal timin signal-to-no signalling .	HAEL Coching BEN C. BEN C. FHOM VILLIA VILLIA ON, FUS nain M adley— coetition ORN M cition tion tion iility g neory	see E see M	COLL Pilfer DAMI MART see ' See ' SOP	A S. ring IEN F TA SZ THO ANN SIEH, o (M ss of)	CLAY Faction R. FAH CULKI MAS A M. BRIA CMC Mode	TON SS IN SS	NHCPS.	asianonse i	Jays to So , BRE mnd T	, Gara	mulus conte	glance	Marius	Using	g Marl	cov of th	e e			835,	1191 239 1271 1363 167 1347 1523 485 1371 29 1229 29 1541 295 881 39 881 295 965

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social monogamy	0.0			0.0	0.0	0.0	0.0	0.0			4.0	0.0			0.0			••	**	413
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Description	KIIII	-VIV/	LLDI	, J. F.	EKINA	INDE	Z-IVI	JRAN	IE,	COHO	non	ai Kes	spon:	se by	nos	12 10				
Parasitic																		0.0	0.0	421
SOLEY, FERNANDO) G.,	PHIL	LIP /	W. T/	AYLO	R, Ar	aneo	phag	ic Ass	assir	Bug	s Cho	ose I	Route	es tha	at Mir	nimi	ze		
Risk of D	etec	tion E	By W	eb-bu	uildin	ig Spi	iders		**	0.0	0.0		0.0		0.0		0.0			315
solicited consolation				**			**													583
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							**	**	**	**	**	**	**	**	**	**	**	**	**	437
Somateria mollissim		**	**	**	**	* *	**	**	**	**	**	**	**	**	**	**	**		**	889
song rate			0.0		0.0			0.0					0.0	0.0		0.0			**	965
SORATO, ENRICO,																				
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		**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	641
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sponging				**		**	**	**			**		**			**			1347
SSF		**		**	**	**	**	**	**	**			**		**	**	**		723
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stimulus enhancement		**	**	**	**	**	**	**	**	**	**			**		**	**	**	1547
Streblognathus peetersi	**	**	**	**	**	**	**	**		**	**			**	**	**	**		1151
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							• •	4.0	0.0		**		4.4	**	**		**	0.0	
	D						**	**	••	**	**		**	**	**	**	**	0.0	1491
SWORD, GREGORY A.							**	**	**	**	**	**	**	**	**	**	**	**	771
swordtail			**				**	**	**	**	**	**	**	* *	**	**	**		1051
syzygy inequality cycle								**	0.0		4.4	0.0			0.0			**	333
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TAKESHITA, FUMIO see																		0.0	385
Tamias striatus	**	**	**	**	**	**	**		**	**	**	**	**	**	**	**		0.0	1071
TAN, KEN, ZHENGWEI																NG,			
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Response to 1																			1589
tandem running																			361
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								**		**	v 0	0.0		**	0.0	0.0	853
TATARNIC, NIKOLAI see							**	**				0.0	0.0				1331
TAUTZ, JUERGEN see KE							**	**	**	**	**	**	**	**			1589
taxonomy								**	* *	0.0	0.0		**	0.0		0.0	111
TAYLOR, PHILLIP see JUI								••		0.0				0.0	0.0	**	1221
TAYLOR, PHILLIP W. see	FERNAN	IDO G.	SOLE!	7		0.0		• •	0.0	0.0	0.0					0.0	315
teaching		**		**	**		**	**		**			**	**	**	**	e1(3)
telemetry	** **	**		**	4.0	**	**	**		**	**	**	**	**		**	593
Teleogryllus oceanicus	** **					**	**	**	**	**	**						1031
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Telostylinus lineolatus																**	1331
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															**		1323
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Tradition Estal	AU, ZUI	hrough	h Evno	imon	tal Ter	nela	r. UK	LITTE	NION	troni.		unai	KOOS	ung			1102
															• •	0.0	1183
	** **													**	**		1469
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time budget												**	**		**	**	1295
										**	**	**	**	**	**	**	
tinamou												**	**	**	**	**	693
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TOBITA, HIROYUKI see															0.0	0.0	1393
TOBLER, MICHAEL, MC																	
Endurance an													0.0		0.0		1261
TOFT, SØREN see MARIA																**	907
TOJO, SUMIO see HIRO!	MI MUK	AI.		0.0	0.0	0.0	0.0			0.0	0.0	0.0		4.0	0.0		1443
tolerance													**	**	**	**	1313
TOMBERLIN, JEFFERY K	., TAWN	I L. CR	IPPEN,	AAR	ON M	. TAR	ONE,	BAN	ESHV	VAR:	SING	Η,					
KELSEY ADAN	AS, YOH.	ANNES	H. RE	ZENO	M, M.	ERIC	BEN	BOW	, MIC	CAH	FLOF	RES,					
MICHAEL LO	NGNECI	KER, JE	NNIFE	R L. P	ECHA	L, DA	VID	H. RU	SSEL	L, RC	OSS C	BEI	ER,				
THOMAS K. V	VOOD, I	nterkir	ngdom	Respo	onses o	of Flie	es to I	Bacter	ia M	ediat	ed by	Flv					
Physiology an	d Bacter	ial Ouc	orum Se	ensin	σ							/		**			1449
tonic immobility					0				**	**	**	**	**	**			341
tool use						0.0		• •			0.0	0.0	• •	• •	••	• •	e1(3)
trade-off	** **	**	** **		**	**	**	**	**	**	**	**	**	**	**	722	
	** **	**				0.0	4.0	**	**	0.0	0.0	• •	• •	* *			, 1051
	**	• •				• •	0.0	0.0	0.0	0.0	0.0	0.0	**	* *		0.0	1579
trait interaction	**	**	**		**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	**		1341
translocation		0.0		0.0	4.0		0.0	0.0		4.0	0.0	• •			0.0	0.0	1183
tree cricket		• •					• •		**		0.0		0.0		0.0	0.0	137
TRINGALI, ANGELA, RE					eflecta	nce Si	ignals	s Don	ninar	ice in	Flor	ida S	crub-	jay,			
Aphelocoma co	perulescen	is, Juve	niles		**		**			**					**		1517
Trivers-Willard hypothe	esis	**			0.0	0.0		••					0.0				67
TROÏANOWSKI, MATH	IEU see L	OIC BI	REPSON	V					0.0					**		**	1253
TSAGARAKIS, K., M.M.	PYROUN	JAKI, N	M. GIAN	NOU	JLAKI	S. SC	DMAI	RAKIS				Ont	ogene	etic			
Shift in the So																	437
TSO, I-MIN see ANNE D	ANIELSO	ON-FR	ANCOL	5													937
TULP, INGRID see PAUL	A. SMIT	Ή							4.0								835
				20						-	-						000

TUOMAINEN, ULLA	A see	BOB	B.M.	. WO	NG															1541
turbidity	**	**																	151,	1541
Turdoides bicolor					**			**		**	**					**				1013
Tursiops aduncus						**														575
Tursiops sp																				1347
Tyto alba		**	**	**	**														805.	1229
Úca annulipes																		**		619
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VAN MOORTER, BR										• •				••			• •	• •	4.0	723
VAN ROOYEN, JUA																0.0	0.0		0.0	539
										**		**		**			**		1/5)	
variation	**	**	**	**	**	**	**	**		**		**	**		**		**			e5(5)
vector-borne disease										**	**	**	**		**		**	**		539
VERHULST, SIMON								**		**		**			**		**	**	**	1533
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vibratory communi									**		**	**	**		**	**	**	**		85
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video playback								**	**	**	**	**	**	**	**	**	**	**	**	1221
view-based homing								**	**	**	**	**	**	**	**	**	**	**	**	13
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VON HELVERSEN,																				761
VON MERTEN, SOI																	0.0			701
Versus Slo	orar li	, bjo	Croci.	dura	IVIER	o, EAL	лога	tory	Della	vioui	111 31	illew:	o. ras	-IIVC	u sore	A				29
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																				053
Black Bea																**	**	**	**	953
WADA, SATOSHI se											**				**	**	**	**		385
Wadden Sea	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	1371
waggle dance					**		* *	0.0	**	**	**	**	**	***	**	**	**	**		1589
WAGNER, WILLIAM	M E.,	JR, s	ee Ol	LIVE	R M. E	BECKI	ERS				• •						• •	• •	••	1457
WALKER, MICHAE																* *		0.0		377
WALLEN, KIM, P.Z.	MY	ERS,	ELISA	ABET	HA.I	LOY	D, Zi	etsch	& Sa	anttil	a's St	udy l	s Not	Evid	lence					
Against t												**								e1(5)
WALZER, ANDREAS	S, PE	TER	SCH	AUSB	ERGE	R, Int	tegra	tion	of M	ultipl	e Int	ragui	ld Pre	edato	r Cue	s for				
Ovipositi	ion I	Decisi	ions	by a l	redat	tory N	Aite								**				**	1411
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WATANABE, M. see												**	**	**		**		**		685
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												**		**		**		**		315
											**		**		**	••	**	**		1113
WEDEKIN, LEONA						nícic					••		**		• •			**	**	641
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WEISSBURG, MAR	C 1. 3	see M	IKAP	NUA	VV I	LOUN				4.0			0.0	0.0						1323

WELBERGEN, JUSTIN A. see WILLIAM E. FEENE	EY.							**						3
welfare assessment		**	**	**	0.0					• •		**	0.0	219
WEST, STUART A. see MAXWELL N. BURTON-C	CHELL	.EW	••	0.0				0.0			0.0	0.0		947
western scrub-jay	**	**				**	**		**	**	**	**		1103
white-tailed deer											**	**	**	59
WHITTINGHAM, LINDA A. see CONOR C. TAFI											0.0	0.9	0.0	813
WICKENS, JENNIFER B. see LESLEY J. MORRELI												0.0	0.0	93
WICKENS, VICTORIA J. see LESLEY J. MORRELI										0.0		0.0	**	93
WIEBE, KAREN L., TORE SLAGSVOLD, Parents														
Account When Feeding Nestlings in I	Dark (Cavity	Nest:	5	00		0.0	0.0	9.0		**	**	**	1307
WILLIAMS, LEAH J., ANDREW J. KING, CLAUD														
Head Colour Reflects Personality in a													0.0	159
WILLIAMS, SCOTT A. see ELDIN JAŠAREVIĆ .												0.0		1141
WILSON, DAVID R. see TYNE M. BAKER												0.0		965
WILSON, MIRANDA L., MARC J. WEISSBURG, '	Temp	oral a	nd Sp	atial S	Samp	ling	Strat	egies	Mai	ntain				
Tracking Success of Whelks to Prey Pa	atches	of D	ifferin	g Dis	tribu	tions				0.0	4.0			1323
WINKLER, FEDERICO see KATHERINA BROKOF	RDT							**				0.0		479
wolf spider	**	**			**	**	**	**	0.0	**			.85,	1341
WONG, BOB B.M. see BELLA JAPOSHVILI							0.0	0.0						913
WONG, BOB B.M., ULLA TUOMAINEN, ULRIK	A CAL	NDO	IN, A	lgal B	loon	is Im	pact	the (Quali	ty				
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WYMAN, M.T., M.S. MOORING, B. MCCOWAN	1 1/10	T D	es rere	0 0	DEDS	7 T A	TTA	DT A	Lagra	tio C				
	N. IVI.		ENED	O. D.	KED	L. Last	V. DIA	KI. F	ACOUS	LIC C.	1162			
												**	**	1381
to Size and Quality in the Vocalizatio	ns of	Male	North	Ame	ricar	Bisc	on, B	ison	bison		4.0			1381 1051
to Size and Quality in the Vocalizatio Xiphophorus hellerii	ns of	Male 	North 	Ame	ricar 	Biso	on, B	ison l	bison 	**	**			1051
to Size and Quality in the Vocalizatio Xiphophorus hellerii YANG, MINGXIAN see KEN TAN	ns of	Male 	North 	Ame	ricar 	Biso	on, B	ison l	bison 	**	**	**		
to Size and Quality in the Vocalizatio Xiphophorus hellerii YANG, MINGXIAN see KEN TAN YANG, SHUANG see KEN TAN	ons of	Male 	North 	Ame	ericar 	Biso	on, B	ison	bison 	**	**	**		1051 1589
to Size and Quality in the Vocalizatio Xiphophorus hellerii	ons of HI WA	Male DA, A	North 	Ame	ericar Strat	Biso egy i	on, B n Ma	ison l	bison 1ale (Conte	sts			1051 1589 1589
to Size and Quality in the Vocalizatio Xiphophorus hellerii YANG, MINGXIAN see KEN TAN YANG, SHUANG see KEN TAN YASUDA, CHIAKI, FUMIO TAKESHITA, SATOSF of the Hermit Crab Pagurus middendor	ons of HI WA	Male DA, A	North Assessi	Ame	ericar Strat	Biso egy i	on, B n Ma	ison l	bison 1ale (Conte	sts			1051 1589 1589 385
to Size and Quality in the Vocalizatio Xiphophorus hellerii YANG, MINGXIAN see KEN TAN YANG, SHUANG see KEN TAN YASUDA, CHIAKI, FUMIO TAKESHITA, SATOSF of the Hermit Crab Pagurus middendol yellow warbler	ons of HI WA	Male 	North Assessi	Ame	ericar Strate	Biso egy i	on, B n Ma 	ison l	bison lale (Conte	sts		**	1051 1589 1589
to Size and Quality in the Vocalizatio Xiphophorus hellerii	ons of HI WA rffii A. MO	Male DA, A	North Assessi	ment	ericar Strat	Biso egy i K. G	on, B	ison l	dale (sts	 ensit	 y,	1051 1589 1589 385 1213
to Size and Quality in the Vocalizatio Xiphophorus hellerii	HI WA	Male	North Assessi ON, Coences	ment	ericar Strate RON rritor	Biso egy i K. G	on, B	ison l	dale (sts	 ensit	 y,	1051 1589 1589 385 1213
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